

Abstract

A worm drive clamp comprises a worm drive member and a unitary strap and housing member. The worm drive member has a cylindrical body with a thread, a pawled portion below the body, and a head suitable for turning by a driver such as a hex nut driver. The worm drive member is situated in a chamber defined by the housing. The bottom wall of the housing has a ratcheted recess that interacts with the pawled portion to prevent counterclockwise rotation of the drive member. As the strap is passed upwards through a slot in the housing, grooves on the strap engage the thread of the worm drive member so that the strap is drawn upwards as the worm drive member is rotated clockwise.